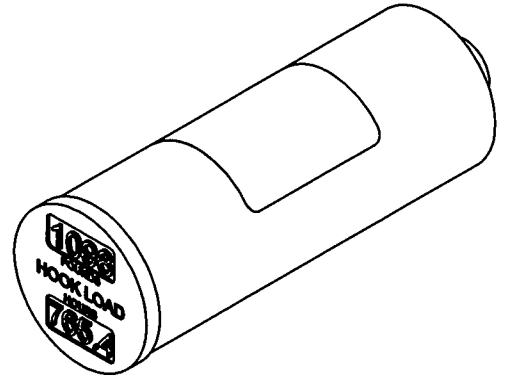
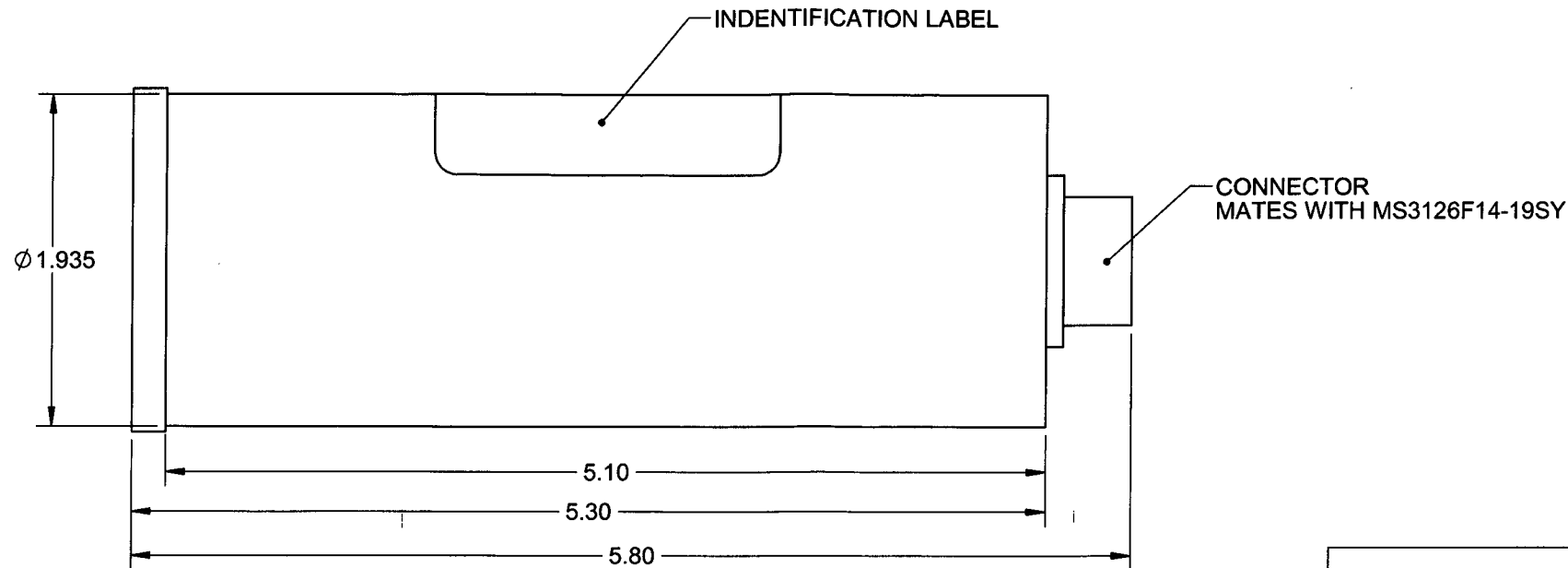
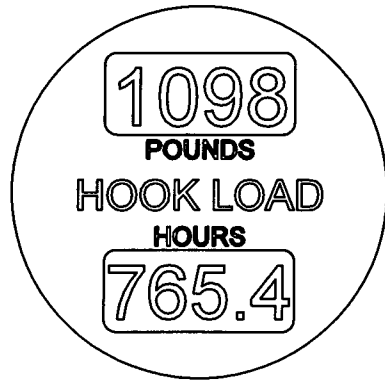


**SPECIFICATION CONTROL DRAWING**



**D5217-1 HOOK LOAD DISPLAY**  
(IMPERIAL)

**TABLE 1**  
(SPECIFICATIONS FOR -1)

DART PART NUMBER	D5217-1
VENDOR	DIAMOND J
VENDOR PART NUMBER	65401-006
DESCRIPTION	THE 65401-006 INDICATOR IS HOUSED IN A MS33639 2-INCH CASE. CASE AND BEZEL COLOR ARE BLACK PER FED-STD-595 #37038. LENS COATING IS ANTI-REFLECTIVE PER MIL-C-675. CASING FINISH TO BE CLEAR ALODINE. LED DISPLAY SHALL BE WHITE IN COLOR.
GAUGE APPROVAL	TSO-C47
SOFTWARE APPROVAL	RTCA/DO-178B LEVEL C
ENVIRONMENTAL APPROVAL	RTCA/DO-160C
POWER REQUIREMENTS	0.14 A @ 28 VDC (4 WATTS)
OPERATING TEMPERATURE	-40 °C TO +70 °C
STORAGE TEMPERATURE	-55 °C TO +85 °C
MARKINGS	TBA
CASE APPROVAL	MS33639
NOTES	TBA
WEIGHT	0.6 LBS

LOAD TRANSDUCER SIGNAL (+)  
LOAD TRANSDUCER SIGNAL (-)  
SWITCHED GROUND OUTPUT  
DISCRETE INPUT  
LOAD TRANSDUCER EXCITATION (+)  
LOAD TRANSDUCER EXCITATION (-)  
28VDC POWER  
CASE GROUND  
  
POWER GROUND  
BACKLIGHT POWER  
DIGIT BRIGHTNESS CONTROL  
RS-485 GROUND  
DISCRETE INPUT  
SWITCHED GROUND OUTPUT

RS-485 A

RS-485 B

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
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V

**RELEASED**

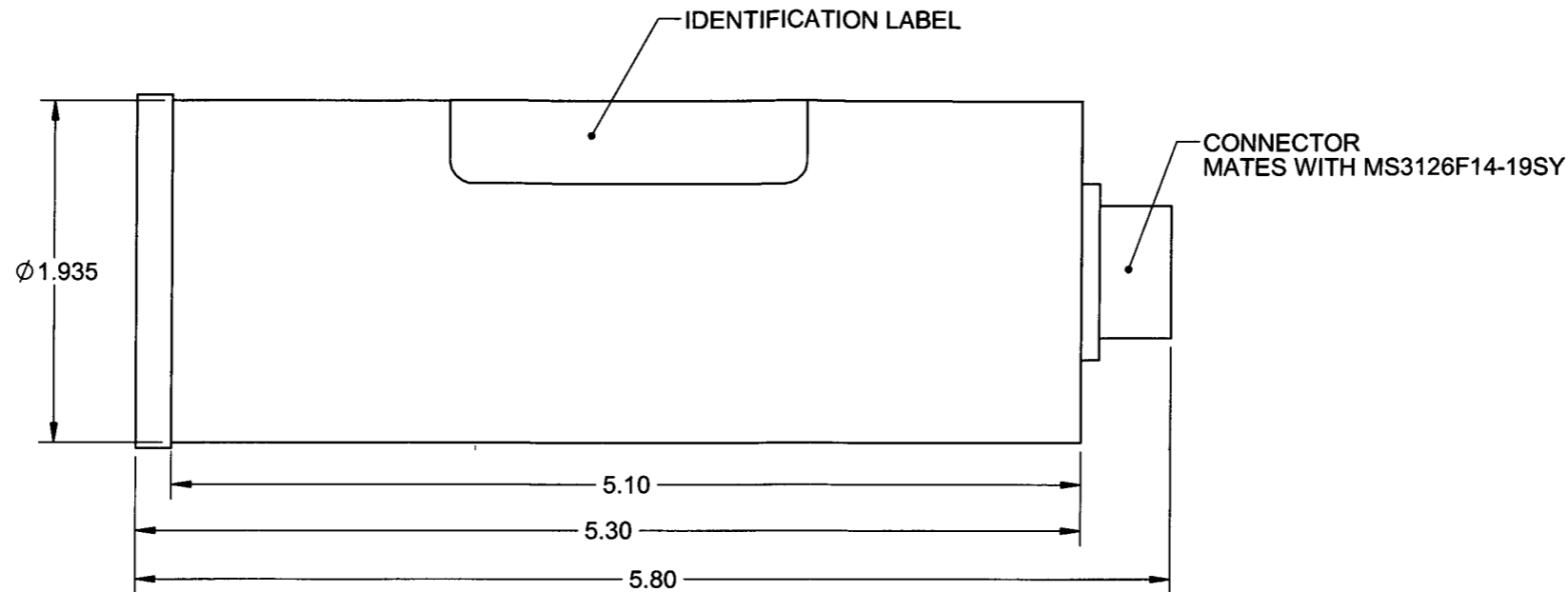
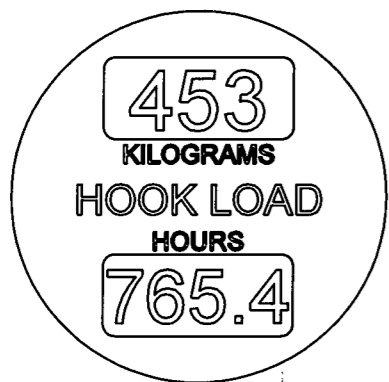
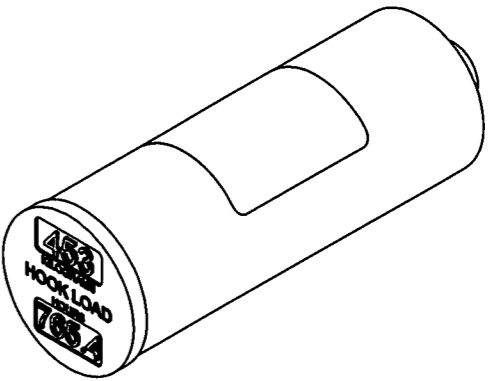
2015 JUL 06

ECN 15-594

APPROVED

A	NEW ISSUE	AJS	15.04.14
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	JLM	<b>HOOK LOAD DISPLAY</b>	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>D5217</b>	NTS
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**SPECIFICATION CONTROL DRAWING**



**D5217-3 HOOK LOAD DISPLAY**  
(METRIC)

TABLE 2 (SPECIFICATIONS FOR -3)	
DART PART NUMBER	D5217-3
VENDOR	DIAMOND J
VENDOR PART NUMBER	65401-007
DESCRIPTION	THE 65401-007 INDICATOR IS HOUSED IN A MS33639 2-INCH CASE. CASE AND BEZEL COLOR ARE BLACK PER FED-STD-595 #37038. LENS COATING IS ANTI-REFLECTIVE PER MIL-C-675. CASING FINISH TO BE CLEAR ALODINE. LED DISPLAY SHALL BE WHITE IN COLOR.
GAUGE APPROVAL	TSO-C47
SOFTWARE APPROVAL	RTCA/DO-178B LEVEL C
ENVIRONMENTAL APPROVAL	RTCA/DO-160C
POWER REQUIREMENTS	0.14 A @ 28 VDC (4 WATTS)
OPERATING TEMPERATURE	-40°C TO +70°C
STORAGE TEMPERATURE	-55°C TO +85°C
MARKINGS	TBA
CASE APPROVAL	MS33639
NOTES	TBA
WEIGHT	0.6 LBS

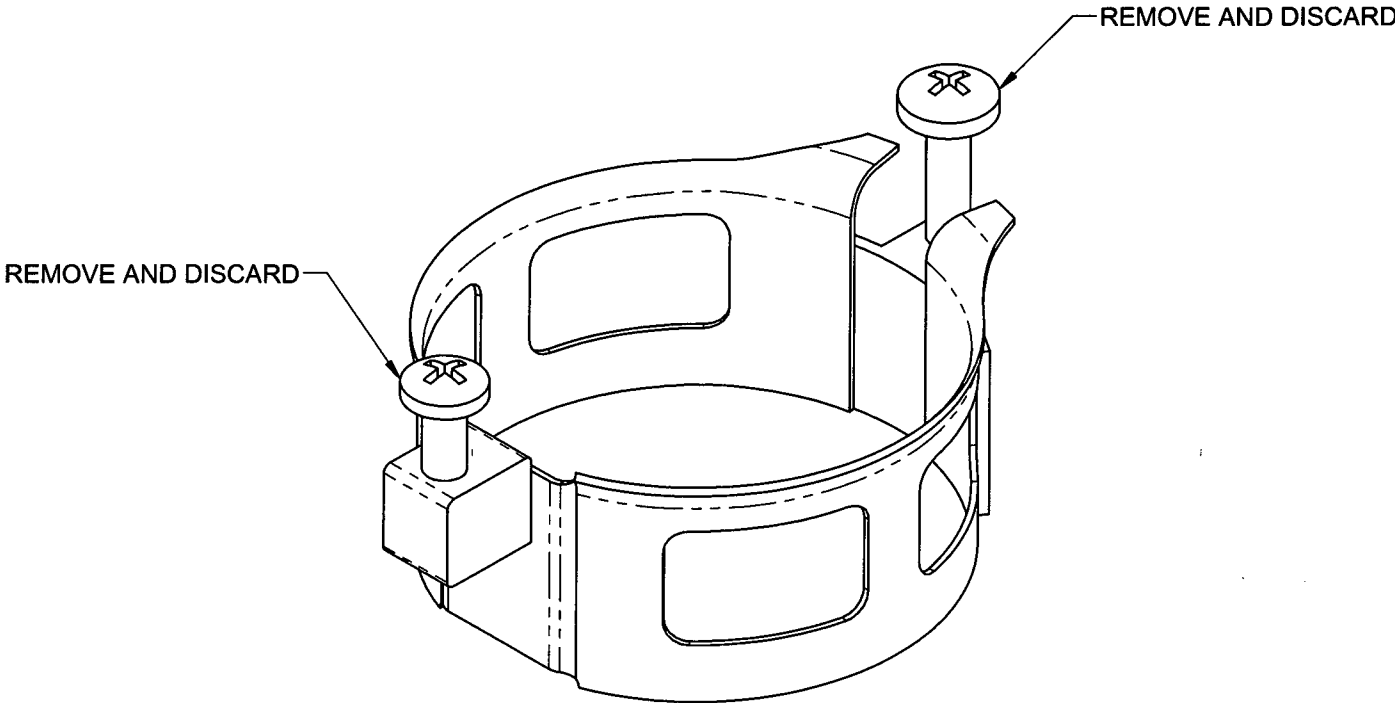
LOAD TRANSDUCER SIGNAL (+)	A
LOAD TRANSDUCER SIGNAL (-)	B
SWITCHED GROUND OUTPUT	C
DISCRETE INPUT	D
LOAD TRANSDUCER EXCITATION (+)	E
LOAD TRANSDUCER EXCITATION (-)	F
28VDC POWER	G
CASE GROUND	H
POWER GROUND	I
BACKLIGHT POWER	J
DIGIT BRIGHTNESS CONTROL	K
RS-485 GROUND	L
DISCRETE INPUT	M
SWITCHED GROUND OUTPUT	N
	O
	P
	Q
	R
	S
	T
	U
	V

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	MFG. APPR.	JLM	<b>HOOK LOAD DISPLAY</b>	SHEET 2 OF 3
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	<b>D5217</b>	NTS
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8 7 6 5 4 3 2 1

**SPECIFICATION CONTROL DRAWING**



**D5217-11 INSTRUMENT CLAMP**

DART PART NUMBER	DESCRIPTION	VENDOR	VENDOR PART NUMBER	WEIGHT
D5217-11	INSTRUMENT CLAMP	DIAMOND J	47500-001	0.03 LBS

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	CHECKED	AP	DRAWING NO.	REV. A
	MFG. APPR.	JLM	<b>HOOK LOAD DISPLAY</b>	SHEET 3 OF 3
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS <i>[Signature]</i>	<b>D5217</b>	NTS
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